

U.S. ENVIRONMENTAL PROTECTION AGENCY
 POLLUTION/SITUATION REPORT
 BP Whiting Crude Release - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region V

Subject: POLREP #4
 Progress Continues
 BP Whiting Crude Release

Whiting, IN
 Latitude: 41.6763040 Longitude: -87.4757741

To:

From: Mike Beslow, OSC
 Steve Faryan, OSC

Date: 3/28/2014

Reporting Period: 3/28 - 3/29

1. Introduction

1.1 Background

Site Number:	z5nb	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	OPA	Response Type:	Emergency
Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	3/24/2014	Start Date:	3/24/2014
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:	E14512	Reimbursable Account #:	

1.1.1 Incident Category

Response to Oil Release at the BP Whiting Refinery

1.1.2 Site Description

The BP Whiting Refinery is located along the shore of Lake Michigan in Whiting, Indiana. Crude oil was released from a NPDES permitted outfall to Lake Michigan from the BP Whiting Refinery waste water treatment plant (WWTP). The source of the crude oil has been determined to have originated from the #12 pipe cooling system which is located on the facility, south of the rail tracks that separate the refinery from the WWTP.

1.1.2.1 Location

BP Whiting Refinery
 2815 Indianapolis Blvd
 Whiting, IN 46394

1.1.2.2 Description of Threat

Crude oil discharge to Lake Michigan from the BP Whiting Refinery in Whiting, Indiana. Standing oil sheen in the #6 separator, as the separator continually discharges water directly to lake michigan.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Result

BP reported the release of crude oil to US EPA via the National Response Center at approximately 1700 hours on March 24, 2014.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

US EPA along with USCG continues to monitor and conduct oversight of BP remediation activities and changing impacted shoreline conditions. BP continues to monitor and remove oil and sheen from the #6 oil-water separator in addition to conducting shoreline cleanup activities. Shoreline cleanup and assessment technique (SCAT) team continue to monitor effectiveness of cleanup activities and conduct reconnaissance surveys to evaluate oiling conditions. Recommendations, cleanup guidelines, and endpoints to incident command system planning and operations sections. Due to inclement weather conditions associated with wave and wind action, a submerged oil survey was postponed.

2.1.2 Response Actions to Date

The following activities occurred during this reporting period:

- BP contractors continue to maintain hard and soft boom positioned immediately adjacent to BP outfall #002 in conjunction with hard boom positioned parallel to the impacted shoreline;
- Shoreline cleanup personnel continue manual collection of tar patties, tar balls, oil impacted debris and oil-impacted sand and rocks along beach front and shorelines as recommended by multi-agency and BP consultant SCAT team;
- Vacuum trucks are staged at the impacted #6 oil water separator and conduct oil and sheen removal activities;
- SCAT team completed survey assessment along segment 'A' (public marina NW of site).
- EPA conducted sampling activities within the #6 separator and within segment 'F' (eastern impacted shoreline).

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

BP has been issued a Federal Notice of Interest.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Oil Water		5200 gal			
Oil Solids		40 cu yds			

2.2 Planning Section

2.2.1 Anticipated Activities

BP incident management team continues to voluntarily reduce personnel as current site conditions have stabilized and remedial focus is now concentrated on impacted #6 oil-water separator, eastern and western shorelines adjacent to coarse sand beach.

2.2.1.1 Planned Response Activities

BP crews will continue to skim the oil and sheen from the #6 oil water separator, and remove existing oil impacted pebbles, gravel, rocks and cobbles from the eastern and western shorelines. Multi agency/BP SCAT team will conduct a submerged oil survey and multipile SCAT reconnaissance surveys.

2.2.1.2 Next Steps

Crews will continue cleaning the adjacent shorelines of tar patties and oil impacted rocks inconjunction to routine survey 'sweeps' along the beachfront to remove. The SCAT team will conduct a submerged oil investigation when weather conditions are appropriate. The SCAT team will continue to assess the impacted shoreline and provide field data and recommended cleanup methods to ICS planning and operation sections. Based on implementation and effectiveness of cleanup efforts US EPA and USCG will recommend cleanup endpoints and monitoring schedule.

2.2.2 Issues

Boom deployment locations and strategy continue to be re-evaluated on a daily basis as tidal and weather conditions change.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

2.4.1 Narrative

FPN E14512 Whiting Refinery has been opened with the USCG NPFC for \$25,000. The ceiling was increased on March 26, 2014 to \$50,000.

START TDD was increased to \$30,000 on 3/26/2014.

2.5 Other Command Staff

2.5.1 Safety Officer

Safety is being staffed by BP Whiting Refinery

2.5.2 Liaison Officer

Liason is being staffed by BP Whiting Refinery

2.5.3 Information Officer

Francisco Arcaute was on scene 3-28-14 reporting to the USEPA Regional Office and is working with representatives from the USCG and BP.

3. Participating Entities

3.1 Unified Command

USEPA, USCG, and BP

3.2 Cooperating Agencies

IDEM, City of Whiting, City of Hammond, City of East Chicago,

4. Personnel On Site

US EPA representatives

USCG representatives

Weston/Dynamac START contractors

BP personell and contractors

5. Definition of Terms

No information available at this time.

6. Additional sources of information

6.1 Internet location of additional information/report

<http://www.epa.gov/region5/newsevents/bp-whiting-spill/index.html>

6.2 Reporting Schedule

POLREPS will be issued as needed.

7. Situational Reference Materials

This is an Integrated River Assessment. The numbers should overlap.	Miles of river systems cleaned and/or restored	
	Cubic yards of contaminated sediments removed and/or capped	
	Gallons of oil/water recovered	
	Acres of soil/sediment cleaned up in floodplains and riverbanks	
Stand Alone Assessment	Acres Protected	
	Number of contaminated residential yards cleaned up	
	Human Health Exposures Avoided	
	Number of workers on site	
Contaminant(s) of Concern		
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